USEPA START REGION 6 - HEALTH AND SAFETY PLAN SPCC/FRP INSPECTION

BACKGROUN	D AND CONTRACT INFORMATION
Prepared by Mike Clonts	W O No 20406 012 004 0025 01 Date of Inspection 8/24 8/25/2009
Project Identification Contract No EP W-06-042 TDD 06 04 10-0006	Site History/Current Information (describe briefly) Targeted FRP and SPCC compliance inspections
Site Name Transmontaigne Terminaling Rogers Terminal Site Address 2801 West Hudson Rogers AR 72756 Site Contact Kevin Sears Phone Number 501 631 8098	
Site Name Magellan Pipeline Co Ft Smith Terminal Site Address 8101 Highway 71 South Ft Smith AR 72903 Site Contact Doug Hammer Phone Number 405 670 2817	
Site Name Kansas City Southern RR Heavener Facility Site Address 403 West First Street Heavener OK 74937 Site Contact Bob Powell Phone Number 918 653 1504	
EPA OSC Don Smith Phone Number (214)665 6489	
Scope of Work (describe briefly attach site/area map)	
FRP & SPCC inspections utilizing inspection checklists	
Directions to Site	
See attached hospital maps	
Location ⊠industrial ☐Commercial ☐Urban/f	Residential Government Facility
	Inspection Team
TRAINING REQUIREMENTS Team Members must have cu 1926 including specialty training such as Confined Space En	irrent training certification in HAZWOPER in compliance with 29 CFR 1910 and 29 CFR try as appropriate
MEDICAL REQUIREMENTS Team Members must be certificated a respirator if appropriate in accordance with 29 CFR 1910 and 1910 are specified as a respirator of the second and the second and the second are specified as a second and the second are second as a second as a second are second as a second are second as a second are second as a second are second as a	ed as medically fit to work with Hazardous Materials and Hazardous Chemicals and to wear and 29 CFR 1926
FIT TEST REQUIREMENTS Team Members entering any a qualitative fit test administered in accordance with OSHA 29	rea requiring the use or potential use of any respirator must have had as a minimum a CFR 1910 134 or ANSI within the last 12 months
Signatures below indicate that team members have read and	agree to follow the provisions of this HASP
Reviewed by	
START Site Team Leader Mike Clonts	
Signature	Date <u>8/4/2009</u>
Med cal Current Training Current	
Fit Test Current (Qual)	ot)
Site Safety Officer/Site Environmental Compli	ance Officer Mike Clonts
Signature	Date <u>8/4/2009</u>
Med cal Current Training Current	Date <u>01-1/2/03</u>
Fit Test Cirrent (Qual)	ot)

Team Member Don Smith		· · · · · · · · · · · · · · · · · · ·
Signature		Date
	Current	
Ft Test Current (Qual)	C ment (Q ant)	
		
Team Member Tom McKay		
Signature		Date
	C ment	Said
Fit Test Current (Qual)	Current (Q ant)	
SIT	E SPECIFIC HAZAF	RD EVALUATION
A copy of the Field Operations Manual must be av		
☐ BIOLOGICAL HAZARDS ☐ CHEMICAL HAZARDS		ON HAZARDS LL HAZARDS
Biological Hazards ⊠Animals ⊠Reptiles □Poisor	nous Plants FLD 43 -	- WESTON Biohazard Field Operating Procedures
Snakes ⊠Insects □Raw S	Sawage FLD 44 -	- WESTON BBP Exposure Control Plan First Aid Procedures - WESTON BBP Exposure Control Plan - Working with Infectious Waste
BBP □Etiologic Agents		
Radiation Hazards Monizing Radiation		
│	olet infrared radio frequer	cy microwave and laser)
Chemical Hazards		
Explosive Corrosive Flammable Oxidizer	Reactive Other	☐ Water Reactive
Special Considerations		
Helicopter/Airplane Operations – Pilots Carbon Monoxide – Personnel should no		
UV light exposure – Personnel should dr	ess so as to cover as m	uch exposed skin as possible use a sunscreen with a
protection factor (PF) of 15 or greater and Motor Vehicles Drivers shall maintain a		
List of Chemicals and Quantities/Conce	entrations (attach chem	ical Information or MSDS for contaminant or spilled material in ases rinsing solutions etc) do not have to be attached to the HASP. However
copies of the MSDS must be available on site at all time	es	ases rinsing solutions etc.) do not have to be attached to the riasp. However
Crude Oil – Major fractions light ends light and heavy haphtha kerosene light gas oil	- 11	ogen Sulfide – is a colorless flammable gas under normal groups strong odor of rotten eggs and occurs naturally in crude oil
contain 0 1% Benzene 0 3% Cumene 0 2 Cyclohexane 0 5% Ethylbenzene 0 2% Na	% and n	atural gas
10 20% Toluene 15 30% Total Xylene(s)	•	M – Oil and gas production and processing operations sometimes
☑ Diesel	cause	naturally occurring radioactive materials (NORM) to accumulate
⊠ Gasoline		rated concentrations in by product waste streams NORM ating in geological oil and gas formations is usually brought to
☐ Jet fuel	the su	rface in produced water As the water approaches the surface
☐ Set tale!		rature changes cause radioactive elements to precipitate such as n to radium. Resulting scales and sludge may collect in water
	separa	ntion systems Radium is usually found in this type of NORM
Motor oil □	Colitai	mnauon
∏ Fuel oıl		
☐ Kerosene		
☐ Other_		

HEALTH AND SAFETY EVALUATION

111 Physical Hazards of Concern

Dhymael Hagand Candita	Dharad		Attach		WESTON OR T.A.		
Physical Hazard Condition	Physical Hazard		OP		WESTON OP Titles		
Loud noise	Hearing loss/disruption of commun cation	:]	Section 7.0 ECH&S Program Manual Occupational Noise & HO Program		
inclement weather	Rain/humidity/cold/ice/snow/lightni g				FLD02 Inclement Weather		
iteam heat stress	Burns/displaced oxygen/wet working surfaces]	FLD03 H t Proc ss Steam		
Heat stress	Burns/hot surfaces/low pressure steam				FLD04 Hot Process LT3		
Amb ent heat stress	H t ash/ ramps/ xh ustion/heat trok		$\overline{\mathbb{Z}}$	3	FLD05 Heat Stre s Pr enti n/Mo toring		
Cold tress	Hypothermia/frostbite				FLD06 Cold Stress		
Cold/wet	Trench/paddy/mmers o foot/edema		Þ	1	FLD02 Incl me t Weather		
Co fin d spac s	Falls/burns/drowning/engulfment/electrocution		Ī		FLD08 Confined Space Entry		
dustrial Trucks	Fork Lift Truck Safety				FLD09 Powered Industrial Trucks		
mprope lifting	Back strain/abdomen/arm/leg muscle/joint injury		Ĺ		FLD10 Manual Lifting/Handling Heavy Objects		
Je en surfaces	V h le d ts/ l ps/trips/falls		Σ	1	FLDII Rogh Terrai		
Poor housekeep g	Slips/trips/falls/punctures/cuts/fires		Ē		FLD12 Huskep g		
tru tural integrity	Crush g/ erhe d hazards/compr m sed floors		Ī		FLD13 Structural Integrity		
fostile persons	Bodily jury		Ī	j	FLD14 S te Security		
mproper cylinder handling	M han al jury/fire/e pl s on/s ffocat o		Ī	Ī	FLD16 Pressur Syst ms Compressed Gases		
Vater hazards	Poo s b l ty/e tanglement/drown g/c ld stre		Ť	Ī	FLD17 Dr ing		
V ter hazards	Drowning/heat/cold stress/hypothermia/falls		Ŧ	Ī	FLD18 Operation and Use of Boats		
Vater hazards	Drown g/fro tb te/hypothermia/falls/ lectrocutio		Ŧ	ī	FLD19 Working O er Wat		
h cle hazards	Strukby h le/coll on			ā -	FLD20 Traffi		
ixplosions	Explos on/fire/thermal burns		Ť	<u> </u>	FLD21 Explo es		
fo ing mechanical parts	Crushing/pinch points/o erhead hazards/electrocution		╆	┪	FLD22 - Earth Mo ing Equipment		
floving mech parts	Overhead hazards/electroc tron		╆	┿	FLD23 - Cranes Rigging, and Slings		
Vorking at ele at o	Overhead hazards/falls/electroc tron		╆	┪	FLD24 Aerial L fts/M 1 fts		
Vork ng at ele at	Overhead hazards/falls/electrocution		╆	1	FLD25 Working at Ele atto		
Working tel vato	Overhead hazards/falls/electrocution/slips		╞	┿	FLD26 Ladders		
Working at elevat on	Sl ps/trips/falls/o erhead hazards		누	┿	FLD27 Scaffold ng		
French ca e in	Crush ng/falling/o erhead hazards/suffocation		┾	┪			
Phys ochemical			┾	+	FLD28 Excavating/Trenching		
	Explos o s/fires from o dizing flam/corr material		┾	+	FLD30 Hazardous Materials Use/Storage		
thys ochemical	Fire and e plos o		k	 	FLD31 Fire Preve t on/Response Plan Required		
Phy och mical		-	¥	7	FLD32 Fire Extinguishers Required		
tructural integrity	Overh ad/el ctrocution/slips/trips/falls/fire		┾	╬	FLD33 Dem I tio		
Electrical	Electroc tion/shock/thermal burns		┾	╬	FLD34 Utilities		
Electrical	Electroc tion/shock/thermal burns		┾	<u> </u>	FLD35 Electrical Safety		
Burns/fires	Heat stress/fires/burns		╄	—	FLD36 Welding/Cutting/Brazing/Radiography		
mpact/thermal	Thermal burns/high pressure impact on/heat stress		╪	 	FLD37 Pressure Washers/Sand Blasting		
mpaction/electrical	Smashing body parts/pinching/cuts/electrocution		Ļ	-	FLD38 Hand and Power Tools		
Poo is bility	SI ps/trips/falls		누	_	FLD39 Illuminat o		
ire/explosion	Burns/impactio		Ļ	<u></u>	FLD40 Storage Tank Removal/Decomm ss o ing		
Communicat ons	Disruption of commun cat ons		╘		FLD41 Std Hand/Emergency Signals		
Energy/release	Unexpected release of energy		L		FLD42 Lockout/Tag-out		
Biological Hazards	B olog cal Hazards at site		X	<u> </u>	FLD43 B ological Hazards		
3 ological Hazards/BBP	B olog cal Hazards/BBP at s te/First Aid Pro ders		മ	<u>)</u>	FLD44 B ological Hazards Bloodborne Pathogens E posure Control Plan - First Aid Pro iders		
nfectious Waste	Infectious Waste at s te/BBP/ at site/Infectious Waste]	FLD45 - B ological Hazards Bloodborne Pathogens E posure Control Plan - Work W th I fect us Waste		
ead Contaminated s tes	Lead poisoning		Ĺ		FLD46 Control of E posure to Lead		
runcture/c ts	Cuts/ d smemberment/gouges]	FLD47 Clearing, Grubb g and Logg g Operations		
lot appl cabl	Not appl able]	FLD48 - Federal State Local R gulat ry Ag y In pectro s		
Not applicable	Exposure to hazardous materials/waste		Ī]	FLD49 - Safe Storage of Samples		
			_	-			
	Exposure Control		Т	1	FLD50 - Cadmium Exposure Control Plan		

Physical Hazard Condition	Physical Hazard		tach OP	WESTON OP Titles
Asbestos	Asbestos E posure			FLD52 - Asbestos Exposure Co trol Plan
Hexa alent Chromium	Exposure Control Plan			FLD53 - Hexaval t Chromium Exposure Control Plan
Benzene	Exposure Control Plan			FLD54 Benzene Exposure Co trol Plzn
Hydrofl oric acid	Working with HF			FLD55 - Wo king with Hydrofluoric Acid
Moving drill rig parts	Crushing/pinch po ts/o erhead hazards/electrocution			FLD56 - Drilling Safety
Vehicles/driving	Accidents/fatigue/cell pho use	1	\mathbf{Z}	FLD 57 - M to Veh cle Safety
Imprope m tenal handling	Back injury/crushing from load shifts/eq pment/tools			FLD 58 - Drum Handi g Operations
COC decontaminat on	COCs/sl p trip and falls/waste ge erat on/ vir nmental compliance/PPE			FLD59 Deco tam nat o
Drilling hazards	Electrocution/o erhead hazards/pinch points			En rronmental Remediation Drilling Safety Gu deline 2005
Fatigue	Long work hours			FLD60 - Employ e Duty S hedule
Benzene/Gasoline	Benzene exposure			FLD61 - Gasoline Contaminant E posure

Some Field Operations have been removed from this list which has been developed for Emergency Response purposes If these Field Ops apply refer to the WESTON Safety Officer Field Manual

PERSONNEL PROTECTIVE EQUIPMENT										
Tasks to Be Performed	Anticipated Level of Protection	Anticipated Level Type of Protection Protect		Inner Glove Outer Glove Boot Cover	Type of Respirator (SCBA or APR with Cartridge)					
Perimeter Recon	D		N/A	N/A	N/A					
Site Entry	D		N/A	N/A	N/A					
Photo Documentation	D		N/A	N/A	N/A					
FRP Documentation	D		N/A	N/A	N/A					
SPCC Documentation	D		N/A	N/A	N/A					
Other										
	DECONTAMINA	ATION	PROCEDU	RES						
For Site Personnel None Anticipated Dry Decontamination Wet Decontamination (procedures as foll Wash boots and gloves Remove outer boots Remove outer gloves Remove chemical coverall Remove respiratory protection Remove inner gloves	lows)		☐Wash v☐Rinse v☐Rinse v☐	pated amination tamination (select one with soap and water with distilled water with isopropanol with methane with hexane	or more of the following)					
The levels of protection required fo	or personnel <u>assistin</u> Level D Modifie	_	lecontamınatı	on will be						

pplicable)	mination wastes and sp	pent PPE (provide a description including s	storage area ha	uler and final disposal site if
		COMMUNICATION		
Buddy System	Radio	Air Horn for emergencies	Pager	
☑ Hand Signals	✓ Visual Contact	Car Horn (3 quick blasts for evac)	Cell Phone	
General Signals		_		List site cell phone #
THUMBS UP	I m OK/I Agree			Mike Clonts 972 977 1689
THUMBS DO	WN – I Don t Agree			
HANDS ACK	OSS THROAT – Out of Air/	Frouble Breathing		Don Smith 972 814 5625
	/ARM – Come with Me IEAD – I Need Assistance			<u>Tom McKay - 405 550 0330</u>
				
	VEHICLE U	ISE ASSESSMENT AND SELE	CTION	
Driving is one of the mos		tivities for Weston employees The most appr		hicle/e) authorized for use on this
project is/are	·	aviiles for vvectori employees	Option type	Hole(s) additionance to the and and and
1 Rental Car				
2				
3				
4				
The following Project Te	eam Member's qualifications a) number next to employee no	and experience in driving these types vehicle	les was evalua	ited and found to be acceptable
		ed all safe driver commitment campaign elemen	its	
2				
3	<u> </u>			
4				
5				
6	<u></u>			
7				
7				
7 8 9				
7				
7				
7		Plan ☐ is required ⊠ is not required		

EMERGENCY CONTACTS								
Agency		Contact	Pł	none Number				
Local Medical Emergency Facility (LMF	Sp	Mary Rogers Memorial Hospital (Rogers) arks Regional Medical Center (Ft Smith) stern Oklahoma Medical Center (Poteau)	4	70 636-0200*				
On Scene Coordinator		Don Smith		72 814 5625				
Site Contact (PRP)		Kevin Sears (Transmontaigne) Doug Hammer (Magellan) Bob Powell (KC Southern)	4	01-631 8098 05-670 2817 18 653 1504				
Fire/Police/Ambulance				911				
WESTON Medical Emergency Contact		WorkCare Dr Peter Greaney Medical Director		pm 800-455 6155 dial 0 le Bui request on call clinician				
		After hours contact	630pm to 8a	am 800-455 6155 dial 3				
WESTON Health and Safety	c	orporate Health and Safety Department	610 701 3	3065 or 610-701 3000				
WESTON Southern Division Health an	d Safety	Jim Davis	Office - (251) 60	2 1898 / Cell (334) 319 0380				
WESTON Local Health and Safety		Olga Spears (San Antonio) Samuel O Cheek(Dallas) Brian Mason (Austin)	469 374 77	10-308-4342 85/972 977 1579 (cell) 137/512-466 2163(cell)				
WESTON Equipment and Dangerous (Shipping Advisor	Goods	Danny Newman	713-3	796-0040 – whse 801 7702 – CELL 14-4691 PAGER				
WESTON START Program Manager		Robert Beck		04 895 5222				
WESTON Readiness Coordinator		David Crow	972	374 7750 (office) 978 6802 (cell)				
National Response Center				800-424 8802				
Region 6 EPA Hotline		866 EPA SPILL		866 372 7745				
OSHA Hotline		···	1 800 321 6742					
Chem Tel				800-255-3924				
ATSDR			(404) 639 0615 1 800-800-3855					
ATF (explosives information)			300-424-9300					
Chemtrec START Health and Safety Pager		Paul Callahan	781 958 9297					
OTAINT Treatur and Galety Fager		Local Medical Emergency Facility	<u> </u>	01 000 0207				
Name of Hospital St Mary Memorial	Hospital	Local Modical Emergency Facility		501-636-0200				
Address 1200 W Walnut St Rogers		756		Phone No -318-798-4300				
Name of Hospital Sparks Regional N								
Address 1001 Towson Ave Ft. Sm				Phone No 479-441-4000				
Name of Hospital Eastern Oklahoma		r	ER-	479-441-5011				
Address 105 Wall Street Poteau O				Phone No 918 647 8161				
N. 4. O. H. 4	L. 1.4 1.4	of ED annual little						
Note Call to verify hospital s availating Type of Service Ro				Travel time from site				
<u> </u>	•	l (written detail) maps with directions		approx minutes Distance to hospital approx miles				
☑ Physical trauma and chemical exposure ☑ Available 24 hours		See attached maps and directions						
		D for route to hospital REVIEW AND COMMENTS		-				
Final Submission of HASP by Mike C Review by START Safety Officer	$-\infty$	hill gron		8/4/2009 8/4/09				
Project start date 8/24/2009		Plan expiration date 9/30/2009	Amendments					
End date <u>8/25/2009</u>								

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Disclaimer subcontract to fulfill OS attachments HASP they	This Health a ors under the S HA requireme s are included t should review	ind Safety Plan (I START Regions 6 nts as found in by reference to 29 its contents and s	HASP) was prep Contract Use of 29CFR1910 120 9CRR1910 and disatisfy themselve	ared solely for sole this HASP by Volume Items not spoint 1900 per sole that it meets reconstructions are that it meets reconstructions.	pecific work assign VESTON and its su ecifically covered v the extent other pa quirements for their	ned to WESTON and its ibcontractors is intended within this HASP or its rties wish to rely on this work assignments

ATTACHMENT A CHEMICAL CONTAMINANTS

(Attach appropriate Material Safety Data Sheet or fill out Chemical Hazards Evaluation Form)

	HEALTH AND SAFETY EVALUATION — CHEMICAL HAZARDS											
Hazardous Substance	Physical Properties	Normal Physical State	State At Site/Proj Temp	Characteristics	Exposure Limits	Route(s) of Exposure/ Symptoms	Monitoring Instruments/ Ionization Potential					
Name Crude Oil	Explosive Flammable Corrosive Reactive Water Reactive	Solid Liquid Gas Color Dark viscous liquid	Solid Liquid Gas Color Dark viscous liquid	pH FP LEL UEL Auto Ig	CA PEL TLV DIDLH Only toxicological data	 ☑ Inhalation ☑ Ingestion ☑ Skin Absorption ☑ Contact ☑ Direct Penetration 	PID 11 7 eV 10 2 eV FID CGI					
CAS No 8002 05 9	☐ Oxidizer ☐ Radioactive ☐ Other aromatic/	Incompatible	With oxidizers	BP MP Sp Gr	Other	Other	Radiation Colorimetric tube Other					
Synonyms Sour Crude Sweet Crude Naphtha distillate Petroleum	contains hundreds of hydrocarbons and other organic and in organic substances including sulfur nitrogen and oxygen as well as metals such as iron nickel vanadium and chromium causes			Vap D Vap P H₂O Sol Other		Acute Symptoms weakness headache nausea confusion blurred vision drowsiness dizziness slurred speech flushed face eye imtant skin imtant and unconsciousness	% Relative response					
	cancer					First Aid if inhaled remove to fresh air wash skin thoroughly with soap and water immediately flush eyes with plenty of water for 15 minutes						

	HEALTH AND SAFETY EVALUATION — CHEMICAL HAZARDS											
Hazardous Substance	Physical Properties	Normal Physical State	State At Site/Proj Temp	Characteristics	Exposure Limits	Route(s) of Exposure/ Symptoms	Monitoring Instruments/ Ionization Potential					
Name Diesel Fuel	Explosive Flammable Corrosive Reactive Water Reactive Oxidizer	Solid Liquid Gas Color clear or straw- colored liquid	Solid Liquid Gas Color clear or straw-colored liquid	pH FP LEL UEL Auto lg BP	CA PEL TLV DIDLH Only toxicological data available Other	 ☑ Inhalation ☑ Ingestion ☑ Skin Absorption ☑ Contact ☑ Direct Penetration ☑ Other 	PID 11 7 eV 10 2 eV FID CGI Radiation Colorimetric					
CAS No Synonyms #2 Fuel Oil Low Sulfur Diesel Premium Gold Diesel	Radioactive Other Combustible low sulfur diesel may be dyed red	Incompatible	With oxidizers	MP Sp Gr Vap D Vap P H ₂ O Sol		Acute Symptoms weakness headache nausea confusion blurred vision drowsiness dizziness	other					
				Other		slurred speech flushed face eye irritant skin irritant and unconsciousness First Aid if inhaled remove to fresh air wash skin thoroughly with soap and water immediately flush eyes with plenty of water for 15 minutes	/ Relative response					

	HEALTH AND SAFETY EVALUATION — CHEMICAL HAZARDS											
Hazardous Substance	Physical Properties	Normal Physical State	State At Site/Proj Temp	Characteristics	Exposure Limits	Route(s) of Exposure/ Symptoms	Monitoring Instruments/ Ionization Potential					
Name Lubricating Oil	Explosive Flammable Corrosive Reactive Water Reactive	Solid Liquid Gas Color light	Solid Liquid Gas Color light brown	pH FP LEL UEL Auto lg	CA PEL TLV DIDLH Only toxicological data available	☐ Ingestion ☐ Ingestion ☐ Skin Absorption ☐ Contact ☐ Direct Penetration	PID 11 7 eV 10 2 eV FID CGI Radiation					
CAS No Synonyms mineral	Oxidizer Radioactive Other mild odor medium weight material fairly persistent in environment low volatility and moderate flash	Incompatible	With	BP >400 C (>750 F) MP Sp Gr Vap D Vap P	Other	Acute Symptoms weakness headache nausea confusion blurred vision	Colorimetric tube Other IP & Relative response					
				H ₂ O Sol Other		drowsiness dizziness slurred speech flushed face eye irritant skin irritant and unconsciousness First Aid if inhaled remove to fresh air wash skin thoroughly with soap and water immediately flush eyes with plenty of water for 15 minutes						

	HEALTH AND SAFETY EVALUATION — CHEMICAL HAZARDS										
Hazardous Substance	Physical Properties	Normal Physical State	State At Site/Proj Temp	Characteristics	Exposure Limits	Route(s) of Exposure/ Symptoms	Monitoring instruments/ ionization Potential				
Name Gasoline	Explosive Flammable Corrosive Reactive Water Reactive	Solid Liquid Gas Color	Solid Liquid Gas Color	pH FP LEL UEL Auto Ig	CA PEL TLV DDLH Only toxicological data available	 ☑ Inhalation ☑ Ingestion ☑ Skin Absorption ☑ Contact ☑ Direct Penetration 	PID 11 7 eV 10 2 eV FID CGI Radiation				
CAS No 8006-61 9 Synonyms additives fuel oil or lubricating oil	Oxidizer Radioactive Other mixtures of hydrocarbons that contain 4 12 carbon atoms contain high proportions of benzene (causes		With halogens alkalines and	BP < 200 C (< 390 F) MP Sp Gr Vap D Vap P	Other	Acute Symptoms weakness headache nausea confusion blurred vision	Colorimetric tube Other				
	cancer) and hexane (affects nervous system) lightweight material			H₂O Sol Other		drowsiness dizziness slurred speech flushed face eye irritant skin irritant and unconsciousness First Aid if inhaled remove to fresh air wash skin thoroughly with soap and water immediately flush eyes with plenty of water for 15 minutes	% Relative response				

ATTACHMENT B SITE SPECIFIC HAZARD COMMUNICATION PROGRAM

Location Specific Hazard Communications Program/Checklist

In order to ensure an understanding of and compliance with the Hazard Communication Standard this checklist/document in conjunction with the WESTON Written Hazard Communications Program serves as a means of meeting site or location specific requirements. While responsibility for activities within this document reference the WESTON Safety Officer it is the responsibility of all personnel to effect compliance.

<u>v_</u>	Site of other location name/address Mike Clonts						
<u>√</u>	Site/Project/Location Manager Mike Clonts						
√_	Site/Location Safety Officer Mike Clonts						
<u>√</u>	List of chemicals complied format HASP \underline{X} Other $\underline{FRP/ICP}$						
<u>√</u>	Location of MSDS Files FRP/HASP						
√_	Training conducted by (name and date)						
<u>√</u>	Indicate format of training documentation Field Log Other						
√_	Client briefing conducted regarding hazard communication						
<u>√</u> W	WESTON notified of other employers or clients hazard communication program as necessary						

List of Hazardous Chemicals/ Material Safety Data Sheets (MSDS)

A list of known hazardous chemicals used by WESTON personnel must be prepared and attached to this document or in a centrally identified location with the MSDS. The SO or location manager is responsible for ensuring the chemical listing remains up-to date and that when a revised MSDS becomes available the old one is replaced. A log for and copies of MSDS for all hazardous chemicals in use will be kept in the MSDS folder at a location known to all site workers and will be readily available to all employees during each work shift.

Container Labeling

The WESTON Safety Officer (SO) will verify that all containers received from the chemical manufacturer importer or distributor for use on site will be clearly labeled. The SO is responsible for assuring labels are placed where required and for comparing MSDSs and other information with label information to ensure correctness.

Employee Training and Information

The SO is responsible for the WESTON site specific personnel training program. The SO will ensure that all program elements specified below are supplied to all affected employees. At the time of initial assignment for employees to the work site or whenever a new hazard is introduced into the work area employees will attend a health and safety meeting or briefing that includes the information indicated below.

Hazardous chemicals present at the worksite

Physical and health risks of the hazardous chemicals

The signs and symptoms of overexposure

Procedures to follow if employees are overexposed to hazardous chemicals

Location of the MSDS file and written hazard communication program

How to determine the presence or release of hazardous chemicals in the employees work area

How to read labels and review MSDS s to obtain hazard information

Steps WESTON has taken to reduce or prevent exposure to hazardous chemicals

How to reduce or prevent exposure to hazardous chemicals through use of controls procedures work practices and personal protective equipment

Hazardous non routine tasks to be performed (if any)

Chemicals within unlabeled piping (if any)

Chemicals in Unlabeled Pipes

Work activities may be performed by employees in areas where chemicals are transferred through unlabeled pipes
Prior to starting work in these areas the employee shall contact the SO at which time information as to the chemical(s) in the pipes potential hazards of the chemicals or the process involved and safety precautions which should be taken will be determined and presented

Multi Employer Worksites

It is the responsibility of the SO to provide other employers with information about hazardous chemicals imported by WESTON to which their employees may be exposed along with suggested safety precautions. It is also the responsibility of SO and the site manager to obtain information about hazardous chemicals used by other employers to which WESTON employees may be exposed. WESTON's chemical listing will be made available to other employers as requested. MSDS will be available for viewing as necessary.

The location format and/or procedures for accessing MSDS information must be relayed to affected employees

ATTACHMENT C EQUIPMENT CHECKLIST

CHECKLIST

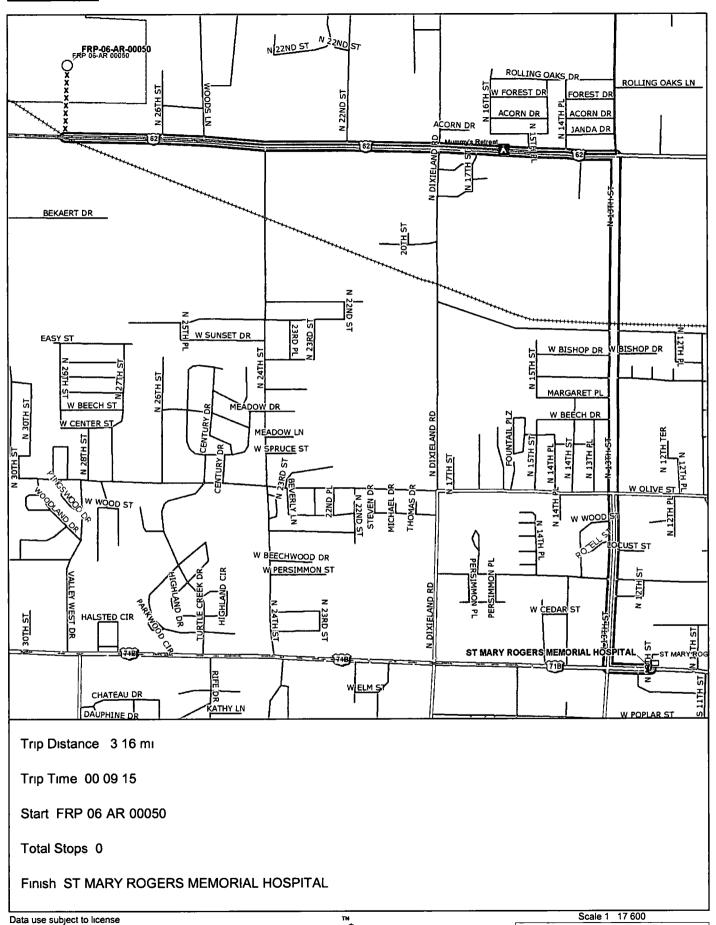
PPE	Instrumentation	Other
☑ Hard Hat	☐ Multigas monitor	☐ 35mm camera (print) and film
	☐ Toxic gas monitor	☑ Digital camera and diskettes or
☐ Face Shield	specify chemical	downloading equipment
☐ Ear Plugs	☐ FID	☐ Intrinsically safe flashlight and batteries
☐ Coverall (cotton)	□ PID	☐ GPS and batteries
☐ Coverall (Tyvek)	Radiation meter	☐ Computer with cables
☐ Coverall (Saranex)	☐ Particulate meter	☐ Sampling supplies (S box)
☐ Raın Suit	☐ Colorimetric tube	☐ Sampling supplies (5 box)
☐ Gloves latex	☐ pH paper	☐ Fire extinguisher
☐ Gloves nitrile (inner)	☐ SpilFyter strips	-
Gloves nitrile (outer)	☐ Hazcat kıt	☐ Duct tape
☐ Gloves butyl rubber	☐ Hapsite	☐ Garbage bags
☐ Gloves Silver	☐ Other (specify)	☐ Log Book
Shields(outer)		Radios
Safety Boots		☐ Mobile phone pager
Over boots (latex booties)		☐ Site maps
☐ Rubber Boots		☐ Compass
Respirator (Full Face		
APR)		
☐ Cartridge (GMC-P100)		ıncıdent
□SCBA		☐ MSDS for calibration gases, solutions etc
☐ Level A Suit		☐ Other (specify)
☐ Other (specify)		

ATTACHMENT D HOSPITAL MAP



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1 = 1 466 7 ft



FRP 06-AR 00 to ST MARY ROGE Directions

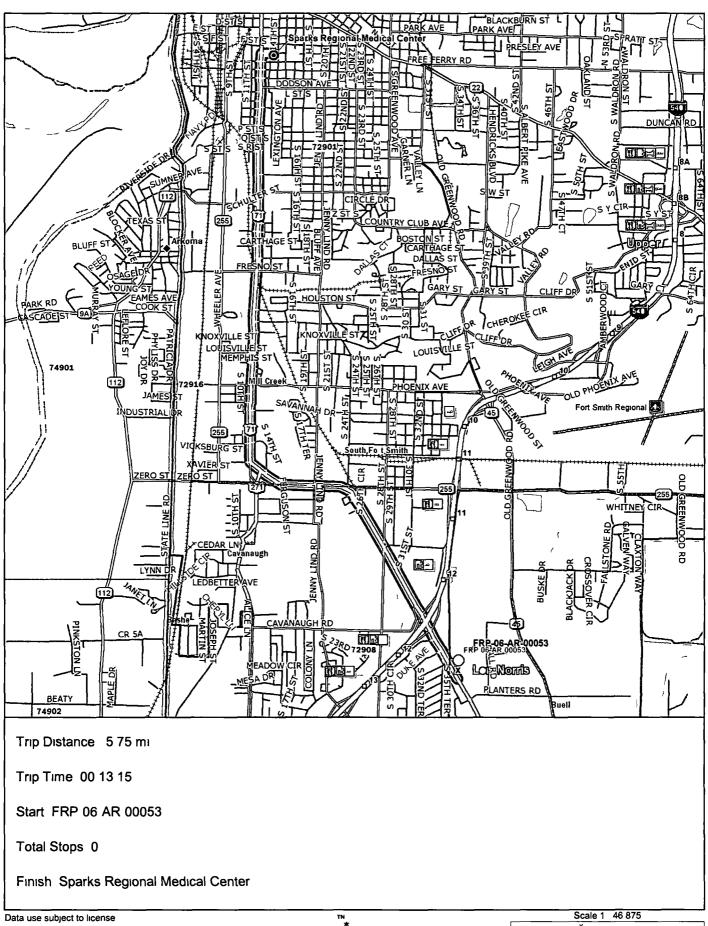
		Dist	Turn		Road	Exit	Total Time	Total Dist
®			Start	at	FRP 06 AR 00050		00 00 00	0 00 mi
			Go straight (E)	on	US 62 (SR 102 W Hudson Rd)		00 00 00	0 00 mı
	ın	1 58 mı	Turn right (S)	on to	N 13th St		00 03 46	1 58 mı
	in	1 48 mı	Turn left (E)	on to	US 71 Bus (W Walnut St)		00 09 03	3 07 mi
	ın	0 09 mı	Go straight (E)	on	US 71 Bus (W Walnut St)		00 09 15	3 16 mı
©			Finish	at	ST MARY ROGERS MEMORIAL HOSPITAL		00 09 15	3 16 mı

Total Time 00 09 15 Total Distance 3 16 mi



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M (2 6°E)

1 = 3 906 3 ft



		Dıst	Turn		Road	Exit	Total Time	Total Dist
®			Start	at	FRP 06 AR 00053		00 00 00	0 00 mı
			Go straight (NNW)	on	US 71 (Highway 71 S)		00 00 00	0 00 mı
	ın	5 66 mı	Turn right (E)	on to	G St S		00 12 53	5 66 mı
@	ın	0 09 mı	Finish	at	Sparks Regional Medical Cen		00 13 15	5 75 mı

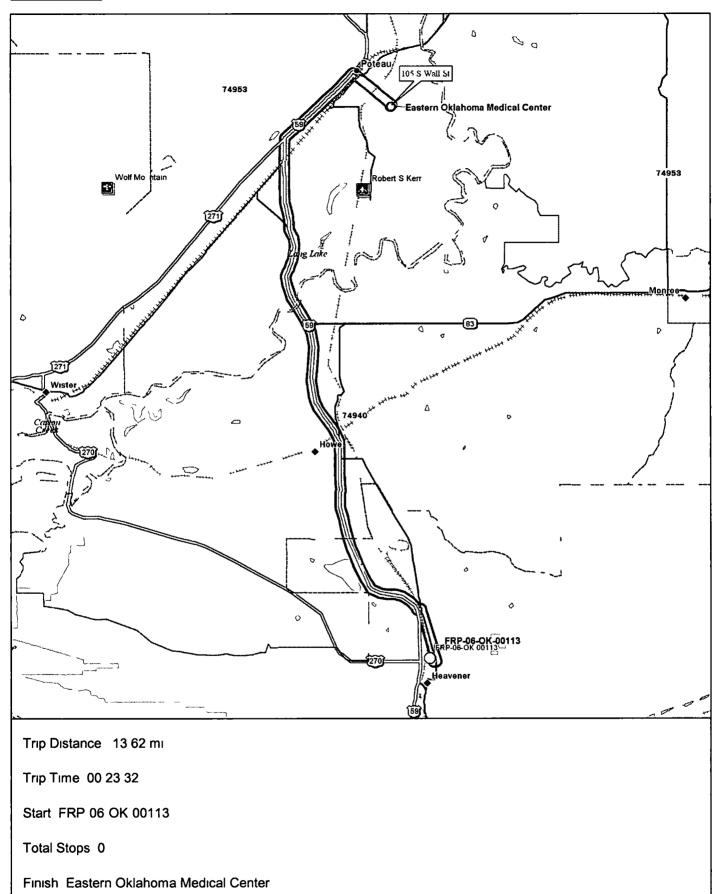
Total Time 00 13 15 Total Distance 5 75 mi



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Scale 1 112 500

1 = 1 78 mi



		Dıst	Turn		Road	Exit	Total Time	Total Dist
Ø			Start	at	FRP 06 OK 00113		00 00 00	0 00 mı
	-		Go straight (E)	on	<unnamed></unnamed>		00 00 00	0 00 mi
	ın	0 06 mı	Turn left (NNW)	on to	Old Pike Rd		00 00 14	0 06 mı
	ın	1 00 mı	Turn left (WSW)	on to	<unnamed></unnamed>		00 02 46	1 06 mı
	ın	0 08 mı	Turn right (N)	on to	US 59		00 02 57	1 15 mı
	ın	11 51 mı	Turn right (SE)	on to	Dewey Ave		00 19 52	12 66 mı
	in	0 92 mı	Turn right (SW)	on to	S Wall St		00 23 23	13 58 mı
②	ın	0 04 mı	Finish	at	Eastern Oklahoma Medical Center		00 23 32	13 62 mı

Total Time 00 23 32 Total Distance 13 62 mi

ATTACHMENT E INSTRUCTIONS FOR REPORTING NEAR INCIDENTS AND INCIDENTS

NOTIFICATION OF INCIDENT—INITIAL REPORT

The NOI form should be utilized to report all incidents. Incidents include employee accidents, injuries, auto accidents, property damage/loss, security events, subcontractor injuries/accidents/events, or other liability situations or circumstances that could give rise to a claim. The NOI form is intended to be a preliminary summary (due within 24 hours/one business day) reporting what is immediately known of an event or situation. After a NOI report is released, and the appropriate resources within the organization are notified, an investigation should.

be initiated

INCIDENTS are to be reported in writing and sent by email to Susan Hipp-Ludwick and Matt Dillon in the Risk Management Department (RMD) within 24 hours

For **SAFETY-RELATED INCIDENTS** involving an employee(s) or subcontractor distribution also includes Owen Douglass of Corporate EH&S the Direct Supervisor of the involved employee(s) the Safety Officer the Client Service Manager (CSM) and the Division EH&S Manager

Additionally include in distribution Pat McCann, President, Alan Solow, COO, Ray Griffin, Senior VP of HR, the appropriate Division Manager(s), and involved employee if such person is not the person completing the NOI Others may be added to the distribution as designated by a division business team profit center or project management

For SECURITY INCIDENTS initial distribution limited to William Irwin, Corporate Security Manager and Susan Hipp-Ludwick, Corporate Risk Manager

SECTION I INCIDENT SUMMARY

SECURITY INJURY / ILLNESS AUTO SUBCONTRACTOR OTHER (e.g. Environmental Liability or Property damage)

- 1 DATE / TIME /LOCATION OF INCIDENT (Project Office or Other location Include WO#)
- 2 EMPLOYEE(S) / INDIVIDUAL(S) INVOLVED or WITNESS TO INCIDENT / EVENT JOB TITLE / ROLE DIV / PROFIT CENTER / ORG UNIT
- 3 DIRECT SUPERVISOR / AND OFFICE MANAGER OR PROJECT MANAGER (Whomever is Appropriate)

- 4 DIVISION / LOCAL SAFETY OFFICER
- 5 DESCRIPTION OF INCIDENT / POTENTIAL LIABILITY EXPOSURE/EVENT AND RESULTING INJURY / DAMAGES
- 6 WERE AUTHORITIES CONTACTED (police government)? IF YES IDENTIFY (i e agency name case number etc)

SECTION II INJURY/IES

- 7 TREATING PHYSICIAN NAME HOSPITAL If Applicable
- 8 CAN PERSONNEL RETURN TO WORK? RESTRICTIONS IF KNOWN

SECTION III IF VEHICLE OR EQUIPMENT INVOLVED

9 EQUIPMENT / VEHICLE INFORMATION (Year / Make / Model) VIN

OWNED RENTED ALLOWANCE PERSONALLY OWNED VEHICLE

FOR ADDITIONAL INFORMATION CONTACT (Name and Phone Number)

This is preliminary information, subject to change, and may contain errors. Any errors in this report will be corrected as follow-up investigation is conducted

Questions can be directed to Susan Hipp-Ludwick at 610 701 3046

Attachment F

TechLaw START Region 6 Safety Plan Attachment

Prepared by		Preparation Date	
		Date of Field work	
Emer OPA	k (Check appropriate ite gency Response SPCC or FRP Inspection (describe)	Site Assessn	
Site Name		City/State	
Brief Description o	of Work Tasks		
Team Members	Signature	Printed Name	Date
TechLaw TL			
TechLaw SSO			
Others			
-			
TechLaw Review/	Approval of Safety Plan		
	Signature	Printed Name	Date
TechLaw Dallas (Office Emergency/Injur	y/Illness Contacts (In this	order)
	ss MD (should be ne attending physician) 613	4 Joe Baer, Regional Man Work 770-752-7 Cell 770-500 60	7585
2 Art Tippit, Dpty	/ H/S Officer		

and Dr Phil Williams TechLaw H/S Officer Incident Report must be completed within 24 Do

not provide clinic/hospital with personal insurance cards for work-related injuries

Cell 770 827-0180

07/06

* These contacts will notify Human Resources

ATTACHMENT F AHA CHECKLIST AND ENV COMPLIANCE

Site Name
TDD#
WESTON WO#
Completed By SHSC/EC Officer

No Environmental Compliance Plan is needed for this site/project START-3 is conducting oversight/reconnaissance activities START-3 is not generating any Hazardous Waste, nor are they creating/causing any damage to the environment If conditions/scope of work changes, an EC may need to be developed

Date Loca Addr	HAZARD CHECKLIST Date Location Address HAZARDS IDENTIFIED (check those applicable)									
HA	HAZARDS IDENTIFIED (check those applicable)									Remote Areas
<u> </u>	Chemical	_	Biolog	icai	 	Physical	 	Aerial lifts		
므	Flammable/combustible	ᄔ	Insects		닏	Noise	Щ	Man Material Handling	<u> </u>	Materials handling
	Corrosive	ᄔ	Animals		╙	Heat	Ш	Demolition	Ш	High Pressure Washers
	Oxidizer	ᄔ	Plants		Щ	Cold	Ш	Excavation	Ш	Hand and Power Tools
	Reactive		Mold/Fungus			Inclement Weather		Pile Driving		Low Illumination
	Toxic		Vıral/Bacteria	l		Hot Work		Welding/Cutting/Burn		Drilling & Boring
	Inhalation		Density Gauge	es		Confined Spaces		Hot Surfaces		Striking against/Struck by
	Eyes/Skin		Radiological		\Box	Stored hazardous Energy		Hot Materials		Caught ın/Caught between
	Pesticides		Ultra Violet			Elevation		Rough Terrain		Pushing/pulling
	Carcinogen		Sunlight		Ш	Utılıtıes		Compressed Gases		Falls at same level
	Asbestos		Infrared			Machinery		Hazardous Mat Storage		Falls from elevation
	Lead	T	Lasers			Mobile equipment		Diving	Ħ	Repetitive motion
	UXO/OE/ CWM	Т	XRF		\Box	Cranes	厅	Operation of Boats	\Box	High (>110v) Electricity
	Process Safety		Isotopes			Manual Material Handling		Working Over Water		Slippery surface Ice/Snow
	Applying Paint/Coatings					Ladders		Traffic		
					Ш	Scaffolding		Site Security		
RE	QUIRED PROTECTION (ch	necl	those applica	ble)						
	Engineering Controls		Adminis Cont	trative			PE			Contingency
	Guard Rails		Qualified for task			Air Supplying Respirator		Tyvek coveralls		Emergency Signal Known
	Machine Guards		Trained/Certified		10	Air Purifying Respirator	ㅁ	Coated Coveralls	早	Eye wash/shower Location
	Sound Barriers		Hot Work Permit			SCBA Hard Hat		Welding leathers CWM	-무	First Aid Kit Location
╟╁╴	Enclosure Elevation		CSE Permit Lockout/Tag Out		H	Ear Plugs		Safety Shoes/Boots	뮤	Fire Extinguisher Location Spill Kit Location
╟╫╴	Isolation	H	Work Permit		╁┼	Ear Muffs	H	Rubber Boots	Ħ	Severe weather shelter
	GFCI	百	Dig Safe Permit		Ħ	Safety Glasses	H	Gloves	f	Evacuation Routes
	Assured Ground Program		Contingency Plan			Goggles		Cooling Suits		
	Apply Antı slıp/skıd Mat		Critical Lift Plans			Chemical Goggles		Ice Vests		
			Equip Inspection	Sheets		Face Shield		Radiant heat Suits		
		L_	<u> </u>			Thermal Shield		Fall Arrest		<u> </u>
						Welding Mask		PFD		
						Cutting Glasses		Electrical insulation		
								1-		
Any	Any Modification to Tasks (list) Other tasks or activities that may affect my activity Reasons for any changes indicated above									

Environmental Compliance Considerations

Generation of Hazardous Waste*	→Waste Identification & Manifesting - Marking Placarding, Labeling
Generation of Investigation Derived Waste*	→Training & Licensing for Use of Radioactive Materials/Sources
Treatment, Storage or Disposal of Hazardous Waste*	→ Containers dated, labeled closed, full stored less than 90 days
Contingency to prevent or contain hazardous materials or oil spills or discharges to drains body of water soil*	→ Risk of explosion or catastrophic release due to chemical storage or processing involving reactivity flammables solvents or explosives
Disturbing of Asbestos Containing Materials (ACM)*	→Training & Licensing for Asbestos Remediation Activities
Application of Pesticides or Herbicides*	
Work on Above or Under-ground Storage Tanks*	
Transportation Storage or Disposal of Radioactive Material*	
Activities producing or generating Air Emissions (or fugitive "fence-line" emissions) requiring either monitoring and/or permit*	
Excavations Drilling, Probing or other activities that could impact underground utilities pipelines, sewer or treatment systems	
Shipment of Hazardous Waste off site* Shipment of Samples in accordance with DOT/IATA	

^{*} Indicates need for an environmental compliance plan



